

WHAT IS CLAIMED IS:

1. A trocar, comprising:

(a.) a housing assembly;

(b.) a cannula assembly attached to the housing assembly and defining an axial bore therethrough; and

(c.) an obturator assembly for sliding engagement through the axial bore defined by the cannula assembly, said obturator assembly comprising:

(i.) a shaft having a piercing end for insertion into a patient and a handling end for gripping, said piercing end having a piercing tip with an upper face and a lower face which taper from the shaft to form a non-conical, blunt head; and

(ii.) wing elements located on opposite sides of the piercing tip and between the upper face and lower face of the piercing tip, said wing elements having conical-shaped points and beveled lateral edges.

2. The trocar of claim 1, wherein the non-conical, blunt head and wing elements are fabricated from metal.

3. The trocar of claim 1, wherein the non-conical, blunt head and wing elements are fabricated from plastic.

4. The trocar of claim 1, further comprising an arcuate-shaped cap attached to the handling end of the shaft of the obturator.

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5. The trocar of claim 1, wherein the piercing tip is removably connected to the
piercing end of the shaft of the obturator.

6. A trocar, comprising:

(a.) a housing assembly;

5 (b.) a cannula assembly attached to the housing assembly and defining an
axial bore therethrough; and

10 (c.) an obturator assembly for sliding engagement through the axial bore
defined by the cannula assembly, said obturator assembly comprising a
shaft having a piercing end for insertion into a patient and a piercing tip
removably connected to the piercing end of the shaft, said piercing tip
comprising:

15 (i.) a body having an upper face and a lower face tapering away from
the shaft; and

(ii.) an insert blade residing partially within the body of the piercing
tip and protruding outward away from the body of the piercing
tip, said insert blade comprising a non-conical, blunt head and
two wing elements having conical-shaped points and beveled
lateral edges and located 180 degrees apart between the upper
face and lower face of the body.

20 7. The trocar of claim 6, wherein the insert blade is fabricated from metal.

8. The trocar of claim 6, wherein the insert blade is fabricated from plastic.